

GRADING NOTES: CONTRACTOR SHALL FIELD VERIFY <u>ALL</u> EXISTING SITE CONDITIONS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: LOCATIONS, DEPTHS, SIZES, AND MATERIAL TYPES OF EXISTING SANITARY, WATER, AND STORM SEWER UTLITIES. INCLUDING EXISTING STUBS RIM AND INVERT ELEVATIONS OF EXISTING SANITARY AND STORM SEWER UTILITIES, INCLUDING EXISTING STUBS

9 STORM SEWER STRUCTURE DESIGNATIONS:

"CB" DENOTES PRECAST CONORETE CATCH BASIN "NIP" DENOTES INTLOTLAST CATCH BASIN STAMP DENOTES PRECAST CONCRETE STORM SEWER MAINHOLE "STOC" DENOTES STORM SEWER CLEANOUT "JOC" (II)" DENOTES MERGINE DIAMETER OF STRUCTURE

ONTRACTOR SMALL HIRE A LICENSED SURVEYOR TO PROVIDE STAKING FOR THE TRUCTION OF THE FILTRATION BASIN. THE CONTRACTOR IS RESPONSIBLE TO CONSTRUCT THE TION BASIN TO THE SIZE AND ELEVATIONS INDICATED ON THE PLAN, SUCH THAT IT CONTAINS ORACE VOLUME(S) ASSUMED IN ITS DESIGN. LOCATIONS AND DEPTHS OF EXISTING NON-SEWER AND NON-WATER UTILITIES (IE: GAS, ELECTRIC, COMMUNICATIONS, ETC.) EXISTING ABOVE-GROUND INFRASTRUCTURE AND SITE FEATURES 16. CONTRACTOR SHALL CONTRACT WITH A LICENSED STRUCTURAL ENGINEER FOR DESIGN OF ANY RETAINING WALLS SHOWN ON THIS PLAN. 2. NOTIFY ENGINEER IMMEDIATELY F ANY INCONSITIENCIES ARE DISCOVERED BETWEEN ACTL SITE CONDITIONS AND WHAT IS SHOWN ON THE PLANS, WHICH ARE SIGNIFICANT ENOUGH TO ALTER THE INTENT OF THE DRAWINGS. SPOT ELEVATIONS INDICATED ON THIS PLAN REPRESENT FINISHED SURFACE ELEVATIONS, UNLESS NOTED OTHERWISE. 3. EXISTING TOPOGRAPHICAL INFORMATION WAS OBTAINED FROM A TOPOGRAPHICAL SURVEY COMPLETED BY O'MALLEY'S KRON LAND SURVEYORS, COLD SPRING, MN. (320) 685-5905 SPOT ELEVATIONS LOCATED ALONG CURB & GUITER OR THICKENED EDGE SIDEWALK REPRESENT ROWWINE ELEVATIONS OF GUITER SECTION FOR ADJACENT PAYEMENT. TOP-OF-CURB OF TOP-OF-INCENEED EDGE SEDEWALK SURFACE ELEVATIONS ARE & ASOVETHE FLOW LINE SPOT ELEVATION SHOWN ON THE PLANS, UNLESS NOTED OTHERWISE. 18, CONTRACTOR SHALL PROVIDE RAILING ALONG RETAINING WALL AS REQUIRED BY CODE. IF REQUIRED BY THE MIN DEPT. OF LABOR AND INDUSTRY (MINDLIT), OWNER AND/OR CONTRAC SHALL SUBMIT FOR STATE PLUMBING REVIEW, AND OSTAIN AN APPROVED PLUMBING REVIEW REPORT FROM AMOUL, PRIOR TO THE INSTALLATION OF ANY STORM SEWER UTILITIES. 4. BENCHMARK: TOP NUT OF HYDRANT LOCATED APPROX. 80-FT EAST OF SOUTHEAST PROPERTY CORNER, ON THE EAST SIDE OF REFORM STREET (SEE PLAN) - ELEV = 992.84 ('EB DATUM). CONSTRUCTION OF STORM SEWER UTULITIES SHALL NOT COMMENCE UNTIL AFTER THE APPROVED FUNDATION EXPLOY REPORT HAS SEEN CHEATINGS, AND ANY AND ALL PERSINENT COMMENTS HAVE SEEN ADDRESSED ON THE PLANS AND IN THE PROVIDEST SPECIFICATIONS. COMPRACTORS ADVISED TO RODES STORM SWERR STUTHY MAJERIALS <u>AFTER</u> APPROVED PLUMESING REVIEW REPORT HAS SEEN OSTAINED FROM MISCONTINES. "EX" DENOTES EXISTING SPOT ELEVATION
"HP" DENOTES HIGH POINT
"R." DENOTES ROWLINE
"BC" DENOTES BACK OF CURB
"EC" DENOTES EDGE OF CONCRETE
"EP" DENOTES EDGE OF PAVEMENT 7. ALL LENGTHS OF STORM SEWER OR CULVERT PIPE SPECIFIED ON THIS PLAN INCLUDE THE LENGTHS OF ANY ASSOCIATED FLARED PHD SECTIONS. NOTE: CADD PLES FOR ESTIMATING EARTHWORK QUANTITIES ARE AVAILABLE TO CONTRACTOR FOR PREPARING BIDS. IN RODRET TO RECOVER THE CADD PLESS, IN ECONTRACTOR WILL NEED TO SIGN A HOLD-HARMESS AGREEMENT PROVIDED BY SCHRUIT ENDIFFERING A SITE DESTON, AND AGREE TO PAY A 500 PROCESSING FEE. THE CADD PLES WILL BE RELEASED UPON RECEIPT OF THE CHECK. 8. TRASH GUARDS SHALL BE INSTALLED ON ALL STORM SEWER END SECTIONS. -3 82°10'32" E 130.69 N 82°10'32" W 386.35 S 89°50'00" F (D) TOC=992.91 (66 F2) TNV=979 32 CAN DESTI-CEN N 82°10'32" W 222.31 N 89°50'0 W 222.00 (D) -(88.85) ALTERNATE BELLET TO PARKING SPACES (TYP) LINE PARALLEL WITH CENTERLINE OF MAN TRACK OF RAILROAD (Q) 00,00 201NT 50 FT. S. OF 120751 (85.10) - 990 - FITER RETAINING WALL #1 HBGHT = 6 TO 5.6-FT (C DEST -(37.88) (88755) (BE 35) 心體體 89.10 38.70 91.501 HP INE OF NOTE CONTRACTOR SHALL OBTAIN ALL NECESSARY FEMALIS WORK WHERE THE PRINCE BIGHT-OF-WAY. CONTRACTOR SHAN NOTBY THE GITT A MANIMALM OF 48-HOURS PERO TO ANY WE AND SHILLY CONNECTIONS WITHIN THE MUBLIC EIGHT-OF-WAY CONTRACTOR SHALL COLD DIRACTER WITH NO SHOON POWER AMERICA PUBLIC SERVICE DEPARTMENT FEOR TO ANY WORS AND SHILLY CONNECTIONS WITHIN THE FROIR TO GITT OF ANY WORSE AND SHILLY CONNECTIONS WITHIN THE FROIR TO GITT OF THE CONTRACTOR SHAND THE TOP CONNECTIONS WITHIN THE FROIR TO GITT OF THE CONTRACTOR SHAND THE PUBLIC BEST OF THE PUBLIC BE 31 (90.00) VILAG OF NONWOOD (90.90 100 to 60 100 500 90.16 80.10 DOTE OF DOTTO OF (90,16) (90.15) 190 151 REPLACE BITUMINOUS PAVEMENT AND CURB & GUTTER PER CITY REQUIREMENTS. 100 N 82°10'32" W 130.69 SLOCK 9 N 89350'00' W (D) VILLAGE OF NORWOOD JNV+979.78 NE CORNER OF LICK 9 984 S 82°10'32" E 222.26 TOC+990.41 VILLAGE OF NO OPD AREA=2.19+/- ACRES S/89°50'00" E 222.00 (D) RETAINING WALL #1 HEIGHT = 010 5.6-FT INV-981.46 (89 IS) (85 ES) (BC-20)-190.40 (90,40) -987_ G-989.83 The OF # 25 FT # 11 OCK 9. E 33.43 ASE OF YORWOOD S 07000 190 W 196 99520.17 `~_ \$\\$9°35'52" || 355.77 . 29_{2.} 988- PUBLIC SIDEWALK SOUTH BENCHMARK=992.84 (88 DATUM) -TOP NUT HYDRANT C=988.00

DAV=381.59



SCHULTZ ENGINEERING & SITE DESIGN

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BRIAN J. SCHULTZ, PE LICENSE NO.: 43129 DATE: xx/xx/2025

REVISIONS NO. DATE DESCRIPTION xx/xx/2025 xx/xx/2025 xx/xx/2025

ISSUE DATE:	xx/xx/202
DRAWN BY:	NE
REVIEWED BY:	BJS

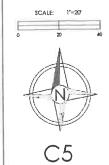
CIVIL SHEET INDEX

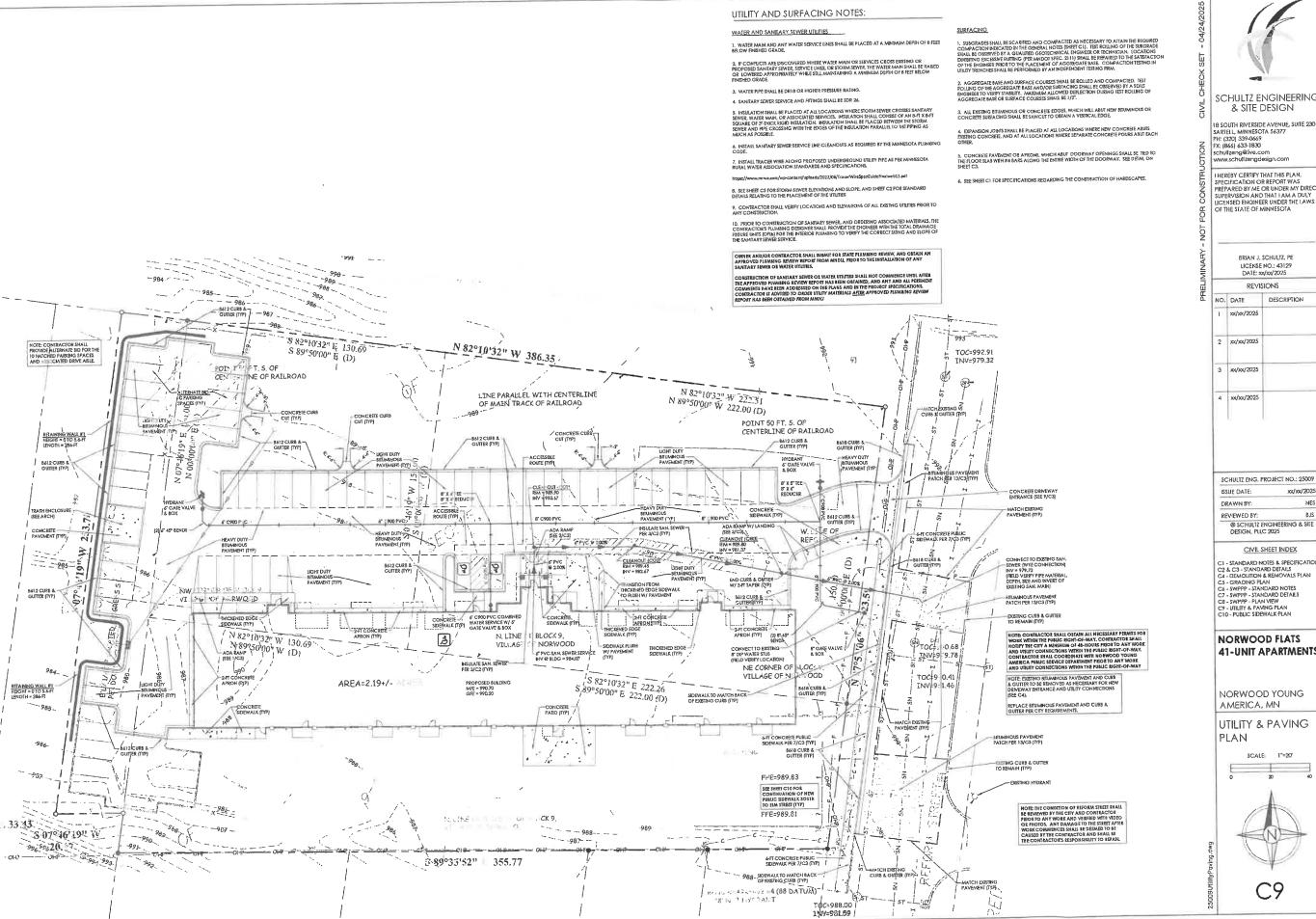
C1 - STANDARD NOTES & SPECIFICATIONS C1 - SIANDAKU NOJE A SPECIFICATO C2 & C3 - STANDARD DETAIN C4 - DEMOJITION & REMOVALS PLAN C5 - GRADING PLAN C6 - SWPPP - SIANDARD NOTES C7 - SWPPP - SIANDARD DETAILS C8 - SWPPP - PLAN VIEW C9 - UTLEIT & PAVING PLAN C10 - PUBLIC SIDEWALK PLAN C10 - PUBLIC SIDEWALK PLAN

NORWOOD FLATS 41-UNIT APARTMENTS

NORWOOD YOUNG AMERICA, MN

GRADING PLAN





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. STANDARD NOTES & SPECIFICATION

NORWOOD FLATS 41-UNIT APARTMENTS

NORWOOD YOUNG AMERICA, MN

UTILITY & PAVING





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NO.	DATE	DESCRIPTION
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2	xx/xx/2025	
3	xx/xx/2025	
4	xx/xx/2025	

SCHULTZ ENG. PRO	JECT NO.: 25009
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CIVIL SHEET INDEX

- CI STANDARD NOTES & SPECFICATIONS
 C2 & C3 STANDARD DETALS
 C4 DEMOLITION & REMOVALS PLAN
 C5 GRADING PLAN
 C6 SWPPP STANDARD NOTES
 C7 SWPPP STANDARD DETAILS
 C8 SWPPP PLAN VIEW
 C9 UTILITY & PAVING PLAN
 C10 PUBLIC SIDEWALK PLAN

NORWOOD FLATS 41-UNIT APARTMENTS

NORWOOD YOUNG AMERICA, MN

PUBLIC SIDEWALK PLAN



	>-					.m.Z	O.C	X _{III} .			
TYPE	QUANTITY	LETTER	вумвоц	COMMON NAME	BOTANICAL NAME	MIN. HT. AT TIME OF PLAN	CAUPER	APPROX. MATURE HEIGHT	ROOT	REMARKS	
OVERSTORY DECIDIOUS	٩	A		AUTUHN BLAZE MAPLE	Acer rubrum 'Autumn Blaze'	-	2 V2"	-	ВІВ	STRAIGHT LEADER	
	7	В	•	LITTLE LEAF UNDEN	Tika cordata	-	2 V2"	-	вів	STRAIGHT LEADER	
	-	С	*	CRIMSON KING MAPLE	Acer platanoides	-	2 V2°	-	ВІВ	STRAIGHT LEADER AND FULL CROWN	
	-	D	0		-	+	-	ļ-	-		
	14	DECI	DECIDIOUS TREES PROVIDED								
DECIDIOUS ORNAHENTAL TREE	-	E	0	FLOWERING CRABAPPLE	Hales 'Snoednit'	-	2*	-	вів	STRAIGHT LEADER AND FULL CROWN	
	-	F	0	SPRING SHOW CRABAPPLE	Malas 'Spring Snow'	-	2"	-	BIB	STRAIGHT LEADER	
	_	G	(4)		- "	-	-	-	-		
	Ю	н	ŏ	SUNBURST HONEYLOCUST	Gleditsia Trisconthos	-	2"	-	вив	STRAIGHT LEADER AND FULL CROWN	
	IQ	DECIDUOUS TREES PROVIDED									
CONFEROUS	4	J	*	BLACK HILLS SPRUCE	Picea glasca densata	6'-0"	-	-	вів	STRAIGHT LEADER	
	-	K	**	COLORADO BLUE SPRUCE	Picea pingera	6'-0"	t -	-	BIB	STRAIGHT LEADER	
	4	CONI	NIFEROUS TREES PROVIDED								
88	_	L	(P)	OLD HOUND SPIREA	Spiraes bunalda 'goldmound'	24"	-		FOTTED	-	
SHRUBS	12	m	€3	NINEBARK SUMMER WINE	Physicerpus opulifotus	24"	-	-	POTTED	-	
DECIDIOUS	42	N	**	COMPACT PJM RHODODENDRON	Spirace booklds 'goldscond'	24"			POTTED		
DEC	-	Р	G	HISS KIM LILAC	syranga pantula 'msa km'	24"	-		POTTED	-	
	-	т		HYDRANGEA	Hydrangea panculata	24"			POTTED	-	
	-	×	17	K.F. FEATHER REED GRASS	Calenagrosta x acutufiora	24"			POTTED		
	54		TOTAL DECIDUOUS SHRIBS PROVIDED								
	22	a		DINARE GOLDEN ARBORVITAE	Thuja occidentalis "Golden Globe"	24"	-	-	POTTED	-	
	-	R	*	SAVIN JUNIPER	Jumperus aabma	24*	-	-	POTTED	-	
N. I	-	5	0	HETZ MIDGET ARBORVITAE	Thuja occidentalis "Hetz Midget"	24"	-	-	POTTED	-	
П	-	u	•	BOXWOOD	BUXUS	24*		-	FOTTED	-	
П	-	٧	4	UPRIGHT JUNIPER	Jumperus climensis	24"		-	POTTED	-	
H	_	Y	86	DAYULY	Hernerocells	24"	-	-	POTTED	-	
	22	_	1	AL EVERGREEN SHR	IDC STOUDED						

GENERAL NOTE:

- A) VERIFY EXISTING TREE LOCATIONS AND QUANTITIES TO REMAIN, AND ADJUST PLANTING SCHEDULE ACCORDINGLY, TO BE APPROVED BY CITY.

 B) ALL LANDSCAPED AREAS TO BE IRRIGATED. EQUIPMENT TO HAVE BACK FLOW PREVENTION DEVICE AND RAIN SENSOR DEVICE. VERIFY W. G.C.

 C) ALL LANDSCAPED AREAS WITHOUT ROCK / CEDAR MULCH TO HAVE SOD OR SEED, VERIFY W. G.C.

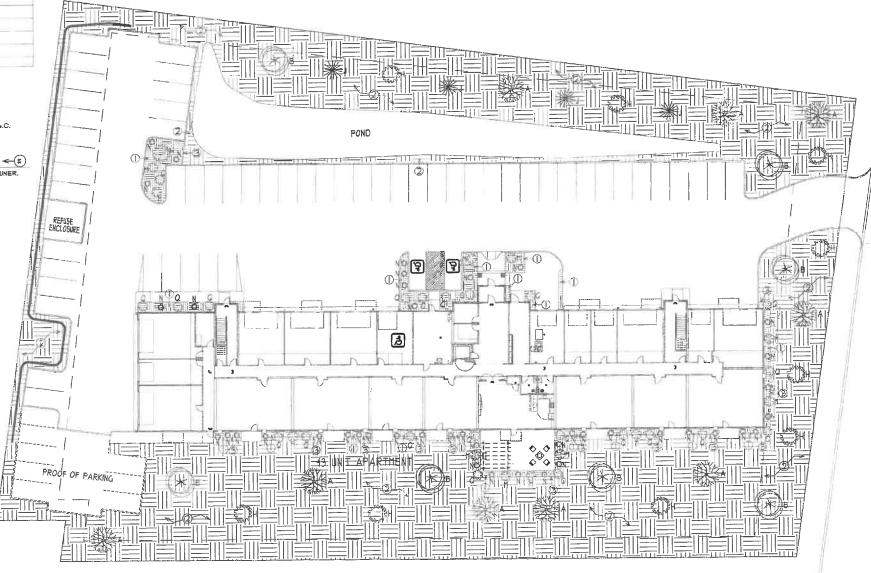
 D) PLANTING DEPTH OF ALL MATERIALS SHALL BE SUCH THAT THE ROOT FLAIR IS AT FINISHED GRADE.

LANDSCAPE PLAN NUMBER NOTES

1. LANDSCAPE CLOTH BY LANDSCAPE MULCH THIS AREA SHOWN HATCHED, VERIFY EXTENTS BY OWNER.

2. AREA TO BE SEEDED OR SOODED WITH LAWN GRASS.

LANDSCAPE EDDING 34" OUT FROM BUILDING, AND OTHER MARKED AREAS.





NORWOOD FLATS
COMMUNITY ASSET

NORWOOD FLATS
COMMUNITY ASSET

A 1 UNIT A PARTMENT DEVELOPMENT GROUP

PERSON NORWOOD YOUNG

CHASKA MIN

AMERICA, MIN

AMERICA, MIN

CALONER (6.12), 7403-5709

Name DAVID I MACHERAK

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Cockett Set. FREUTINARY

L010

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